Isotope and Atomic Mass Calculations

Fill in the following:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Isotope | Nuclear Symbol | Atomic Number (Z) | Mass Number (A) | Number of protons  P+ | Number of neutrons  n0 | Number of electrons e- |
| Platinum-94 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**Calculate the average atomic mass of Magnesium given the following**

Magnesium -24 with a mass of 23.9850 amu at 78.99%, magnesium – 25 with a mass of 24.9858 amu at 10.00%, and magnesium-26 with a mass of 25.9826 amu at 11.01%.